



Patent Application
Attorney Docket No. PC25232A



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Bruce D. Cohen, et al.

APPLICATION NO.: 10/775,444

FILING DATE: February 10, 2004

TITLE: USES OF ANTI-INSULIN-LIKE
GROWTH FACTOR 1 RECEPTOR
ANTIBODIES

: Examiner: Not yet assigned

: Group Art Unit: Not yet assigned

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Commissioner for Patents
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Sir:

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97 ET SEQ.

Applicant(s) herein make(s) available to the U.S. Patent and Trademark Office a copy of PTO-FB-A820 which lists the references cited by the applicant(s), copies of which are enclosed.

The Examiner is requested to consider carefully the complete text of these references in connection with the examination of the above-identified application in accord with 37 C.F.R. § 1.104(a). The listing of the references on the PTO/SB/08A-B form is not intended to represent or imply that these references are prior art to the above-captioned application.

It is requested that the references listed on the attached form PTO/SB/08A-B be included in the "References Cited" portion of any patent issuing from this application (M.P.E.P. § 1302.12).

Please charge all appropriate fees to cover this submission to Pfizer Deposit Account No. 16-1445.

A prompt and favorable response is earnestly solicited.

Date: -1 December 2014

Respectfully submitted,

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. PC25252A	SERIAL NO. 10/775,444
	APPLICANT Bruce D. Cohen, et al.	
	FILING DATE February 10, 2004	GROUP Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/PKT/	US	6	0	5	4	5	6	1	4/25/00	Kucherlapati, et al.			
	US	03	0	1	6	5	5	02	9/4/03	Fujita-Yamaguchi			
	US	6	6	5	7	1	0	3	12/2/03	Kucherlapati, et al.			
	US	6	1	4	6	6	2	9	11/14/00	Dagan, et al.	424	149.1	
	US	03	2	3	5	5	8	2	12/25/03	Singh	424	141.1	6/14/02
	US	04	0	8	6	5	0	3	5/6/04	Cohen, et al.	424	143.1	1/4/02

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER									DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
/PKT/	WO	02	0	5	3	5	9	6	7/11/02	PCT				
	WO	9	6	3	3	7	3	5	10/31/96	PCT				
	WO	0	0	5	6	7	7	2	9/28/00	PCT				
	WO	9	1	0	9	9	6	7	7/11/91	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/PKT/		Mitsiades, C., et al., The IGF/IGF-1R system is a major therapeutic target for multiple myeloma, other hematologic malignancies and solid tumors, Blood, vol. 100, no. 11, Nov. 16, 2004 pg. 170A, XP002293672, abstract.
		Mitsiades, C., et al., Gene expression and proteomic profiling of multiple myeloma (MM) cells co-cultured with bone marrow (BM) stromal cells or stimulated with BM-derived cytokines: Implications for therapeutic targeting of the BM milieu in MM, Blood, vol. 100, no. 11, Nov. 16, 2002, pg. 811A, XP002293673, abstract.
		Elagiab, K., et al., Immunoglobulin variable genes and epitope recognition of human monoclonal anti-Ro 52-kd in primary Sjogren's syndrome, Arthritis and Rheumatism, vol. 42, no. 11, Nov. 1999, pgs. 2471-2481, XP002293674, abstract.
		Aburatani, T., et al., Importance of CDR H3 basal residue in VH/VL interaction of human antibodies, Journal of Biochemistry, vol. 132, no. 5, Nov. 2002, pgs. 775-782, XP002293675.
		Li, S., et al., Single-chain antibodies against human insulin-like growth factor I receptor: expression, purification, and effect on tumor growth, Cancer Immunol Immunother, July 2000, 49: pgs. 243-252, XP001113064.

EXAMINER /Parithosh K Tungaturthi/ DATE CONSIDERED 12/04/2007
Not yet assigned

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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/PKT/	US	04	2	0	2	6	5	5	10/14/04	Morton, et al.	424	143.1	3/12/04	
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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
/PKT/	WO	03	1	0	0	0	0	8	12/4/03	PCT	C12N			
	WO	03	1	0	0	0	5	9		PCT				
	WO	03	1	0	6	6	2	1	12/24/03	PCT	C12N			
	WO	03	0	9	3	3	1	7		PCT				
	WO	99	0	6	0	0	2	3	11/25/99	PCT	C07K	16/00		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
/PKT/			Hermanto, U., et al., Inhibition of mitogen-activated protein kinase selectively inhibits cell proliferation in human breast cancer cells displaying enhanced insulin-like growth factor I-mediated mitogen-activated protein kinase activation, Cell Growth & Differentiation: The Molecular Biology Journal of the American Association for Cancer Research, Dec. 2000, vol. 11, no. 12, pgs. 655-664, XP002229921.											
			DiGiovanni, J., et al., Deregulated expression of insulin-like growth factor 1 in prostate epithelium leads to neoplasia in transgenic mice, Proc. Natl. Acad. Sci., 97: pgs. 3455-3460.											
			Drexhage, H.A., & Wulffraat, N.M., Endocrine autoimmune disease, Netherlands Journal of Medicine, 45: pgs. 285-293, (1994).											
			Kim, B., et al., Insulin receptor substrate 2 and shc play different roles in insulin-like growth factor I signaling, Journal of Biological Chemistry, 273 pgs. 34543-34550 (1998).											
			Smith, L.E., et al., Regulation of vascular endothelial growth factor-dependent retinal neovascularization by insulin-like growth factor-1 receptor, Nature Medicine, 5: pgs. 1390-1395 (1999)											
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/PKT/	WO	03	0	5	9	9	5	1	7/24/03	PCT	C07K	16/28		X
/PKT/	WO	04	0	8	7	7	5	6	12/14/04	PCT	C07K	16/00		

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
/PKT/	<p>Tappy, et al, Antibodies to insulin-like growth factor I receptors in diabetes and other disorders, Diabetes, 37: pgs. 1708-1714 (1998).</p> <p>Thompson, K., et al., Low prevalence of autoantibodies to the insulin-like growth factor I receptor in children with short stature, Pediatric Research, 32: pgs. 455-459 (1992)</p> <p>Weightman, D.R., et al., Autoantibodies to IGF-1 binding sites in thyroid associated ophthalmopathy, Autoimmunity, 16: pgs. 251-257 (1993).</p> <p>Wraight, C., et al., Reversal of epidermal hyperproliferation in psoriasis by insulin-like growth factor I receptor antisense oligonucleotides, Nature Biotechnology, 18: pgs. 521-526 (2000).</p> <p>Paul, W. E., Fundamental Immunology 242 (ed., 3d ed. 1993).</p> <p>Rudikoff, S., et al., Single amino acid substitution altering antigen-binding specificity, Proc Natl Acad Sci USA, vol. 79, pgs. 1978 - 1983 (1982).</p> <p>Groves, D.J., et al., Production of an Ovine Monoclonal Antibody to Testosterone by an Interspecies Fusion, Hybridoma, vol. 6, pgs. 71- 76 (1987)</p> <p>Rubini, M, et al., Characterization of an Antibody that can Detect and Activated IGF-I Receptor in Human Cancers, Experimental Cell Research 251, pgs 22-32 (1999).</p> <p>Colman, P.M., Effect of amino acid sequence changes on antibody-antigen interactions, Research in immunology, vol. 145, pgs. 33-36 (1994).</p>

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